10/532582 JC12 Rec'd PCT/PTC 2 5 APR 2005

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO	Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Application Number	To be assigned		
	Filing Date	Herewith		
	First Named Inventor	Ernest. C. Chen		
	Art Unit	To be assigned		
	Examiner Name	To be assigned		
Sheet 1 of 1	Attorney Docket Number	PD-202021		

			U.S. PATE	NT DOCUMENTS	
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
DA		US-6,272,679	08-07-2001	Norin, John L.	
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		US-6,188,717	02-13-2001	Kaiser, Stefan et al.	
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DV		DE 3642213 A1	12-10-1986	Lopau, Harald et al.		
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V		JP 2-5631	01-10-1990	Oda, Hirobumi		

Examiner /Don Vo/	Date Considered 08/09/2006	
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for forms PTO/SB/08A and Complete if Known PTO/SB/08B **Application Number** 10/532,582 I.A. Filing Date October 15, 2003 INFORMATION DISCLOSURE 371 (c) Date April 25, 2005 STATEMENT BY APPLICANT First Named Inventor **Ernest Chen** APR 2 4 2006 **84**rt Unit 2611 **#**xaminer Name To be determined Sheet 1 of 5 Attorney Docket Number PD-202021

		RIDBIA			
			U.S. PATENT	OCUMENTS	
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
DV		110 5 000 004			•
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	ļ	US-6,178,158	01-2001	Suzuki et al.	
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1/		US-6,144,708	11-2000	Maruyama, Hidenori	
Ψ		US-6,055,278	04-2000	Ho et al.	

Examiner Signature	/Don Vo/	Date Considered	08/09/2006

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Substitute for forms PTO/SB/08A and	Complete if Known			
PTO/SB/08B	Application Number	10/532,582		
INFORMATION DISCLOSURE	I.A. Filing Date	October 15, 2003		
	371 (c) Date	April 25, 2005		
STATEMENT BY APPLICANT	First Named Inventor	Ernest Chen		
	Art Unit	2611		
	Examiner Name	To be determined		
Sheet 2 of 5	Attorney Docket Number	PD-202021		

			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
DV	1	US-6,330,336	12-2001	Kasama, Minoru	·
1		US-6,718,184	04-2004	Aiken et al.	
		US-5,819,157	10-1998	Ben-Efraim et al.	
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			06-2003	Arslan et al.	
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	<u> </u>	US-5,966,412	10-1999	Ramaswamy	· · · · · · · · · · · · · · · · · · ·
	ļ	US-5,329,311	07-1994	Ward et al.	
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		US-6,219,095	04-2001	Zhang et al.	
		US-4,039,961	08-1977	Ishio et al.	
		US-6,275,678	08-2001	Bethscheider et al.	
₩ <u> </u>		US-3,383,598	05-1968	Sanders	
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	/Don Vo/		

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INFORMATION DISCLOSURE	I.A. Filing Date	October 15, 2003		
	371 (c) Date	April 25, 2005		
STATEMENT BY APPLICANT	First Named Inventor	Ernest Chen		
	Art Unit	2611		
	Examiner Name	To be determined		
Sheet 3 of 5	Attorney Docket Number	PD-202021		

			U.S. PATENT	OCUMENTS	
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures
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l		US-5,815,531	09-1998	Dent	
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		US-4,637,017	01-1987	Assal et al.	
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V		US-2003/0138037	07-2003	Kaku et al.	

		FC	REIGN PATE	NT DOCUMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant	T
		Country Code-Number- Kind Code	YYYY		Passages or Relevant Figures Appear	
DV		EP 0929164	07-1999	Societe Europeene des Satellites		
		WO 02/073817	09-2002	Nokia Corporation		
		EP 0356096	02-1990	-Meyers-		1
		EP 0238822	09-1987	NEC Corporation		
		WO 99/20001	04-1999	Silberger et al.		\top
		WO 01/80471	10-2001	DSPC Technologies, Ltd.		
		WO 03/105375	12-2003	Hughes Electronics Corporation		1
V		JP Publication 03139027	06-1991	Nippon Telegraph and Telephone Corporation		

Examiner Signature	/Don Vo/	Date Considered	08/09/2006

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	I.A. Filing Date	October 15, 2003	
INFORMATION DISCLOSURE	371 (c) Date	April 25, 2005	
STATEMENT BY APPLICANT	First Named Inventor	Ernest Chen	
	Art Unit	.2611	
	Examiner Name	To be determined	
Sheet 4 of 5	Attorney Docket Number	PD-202021	

	U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumne-issue number(s), publisher, city and/or country where published.	T
DV		FANG, T. et al.; "Fourth-Power Law Clock Recovery with Prefiltering", Proceedings of the International Conference on Communications (ICC), Geneva, May 23-26, 1993, New York, IEEE, US, Vol. 3, May 23, 1993, pages 811-815, XP010137089, ISBN:0-7803-0950-2, Section I, Introduction	
DV		JANSSEN, G.J.M; SLIMANE, S.B.: "Performance of a Multiuser Detector for M-PSK Signals Based on Successive Cancellation", ICC 2001, 2001 IEEE International Conference on Communications, Conference Record, Helsinky, Finland, June 11-14, 2001, XP010552960	
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Examiner Signature	/Don Vo/	Date Considered	08/09/2006
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PTO/SB/08B	Application Number	10/532,582	
	I.A. Filing Date	October 15, 2003	
INFORMATION DISCLOSURE	371 (c) Date	April 25, 2005	
STATEMENT BY APPLICANT	First Named Inventor	Ernest Chen	
	Art Unit	2611	
	Examiner Name	To be determined	
Sheet 5 of 5	Attorney Docket Number	PD-202021	

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Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumne-issue number(s), publisher, city and/or country where published.	Т
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Examiner Signature /Don Vo/ Date Considered 08	9/2006
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Substitute for form PTO/SB/08A	Complete if Known		
INFORMATIONEDISCLOSURE	Application Number	10/532,582	
STATEMENT BY APPLICANT	Filing Date	04-25-2005	
	First Named Inventor	Ernest C. Chen	
(AUG & 3 2006	Art Unit	2611	
\ 35 /	Examiner Name	VO, Don Nguyen	
Date: Sheet 1 of 3			
Sheet 1 of 3	Attorney Docket Number	PD-202021	

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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V		US-5,642,358	06-1997	Dent		

Examiner Signature	/Don Vo/	Date Considered	08/09/2006
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Substitute for form PTO/SB/08A	Com	plete if Known
INFORMATION DISCLOSURE PE	Application Number	10/532,582
STATEMENT BY APPLICANT	Filing Date	04-25-2005
AUG: 8 3 2006	First Named Inventor	Ernest C. Chen
\ 3	Art Unit	2611
The state of the s	Examiner Name	VO, Don Nguyen
Date: July 19, 260 per		
Sheet 2 of 3	Attorney Docket Number	PD-202021

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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		US-5,088,110	02-1992	Bonnerot et al.		
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		US-6,429,740	08-2002	Nguyen et al.		
		US-6,166,601	12-2000	Shalom et al.		
		US-5,966,048	10-1999	Thompson		
		US-5,606,286	02-1997	Bains		
		US-5,221,908	06-1993	Katz et al.		
		US-4,918,708	04-1990	Pottinger et al.		
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1/		US-6,018,556	01-2000	Janesch et al.		
V		US-6,128,357	10-2000	Lu et al.		

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STATEMENT BY APPLICANT	Filing Date	04-25-2005	
	First Named Inventor	Ernest C. Chen	
	Art Unit	2611	
	Examiner Name	VO, Don Nguyen	
Date: Sheet 3 of July 19, 2006			
Sheet 3 of 3	Attorney Docket Number	PD-202021	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
DV		US-6,411,659	06-2002	Liu et al.	

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DV		WOLCOTT, TED J. ET AL.; "Uplink-Noise Limited Satellite Channels"; IEEE 1995; pages 717-721; XP-00580915		
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DV		Earth Station Technology; 1986; pages 404-412; XP-002248387		

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